CONTENTS OF HEREDITAS, VOLUME 124:1–3 (1996)

285 Abstracts of papers presented at the sixteenth meeting of the Scandinavian Association of Geneticists, June 15–18, 1996, Turku, Finland

111 ANDERSSON ESCHER, S. and LAMBERTSSON, A.: Evolution of the *dec-1* eggshell locus in *Drosophila*. III. Sequence comparisons of the *simulans* complex repeated domain reveal non-concerted evolution

185 ARNASON, U., GULLBERG, A. and XU, X.: A complete mitochondrial DNA molecule of the white-handed gibbon, *Hylobates lar*, and comparison among individual mitochondrial genes of all hominoid genera

165 BECHERE, E., BELAY, G., MITIKU, D. and MERKER, A.: Phenotypic diversity of tetraploid wheat landraces from northern and north-central regions of Ethiopia

7 BEUKEBOOM, L. W., WEINZIERL, R. P., REED, K. M. and MICHIELS, N. K.: Distribution and origin of chromosomal races in the freshwater planarian *Dugesia polychroa* (Turbellaria: Tricladida)

1 BOUGRI, O. V., KORZUN, V. N. and GRIMM, B.: Chromosomal assignment of the genes encoding glutamyl-tRNA reductase in barley, wheat, and rye and their organization in the barley genome

173 CHEBOTAR, O. D. and CHALYK, S. T.: The use of maternal haploids for genetic analysis of the number of kernel rows per ear in maize

223 CLARO, F., HAYES, H. and CRIBIU, E. P.: The karyotype of the addax and its comparison with karyotypes of other species of Hippotraginae antelopes

17 DEMISSIE, A. and BJØRNSTAD, Å.: Phenotypic diversity of Ethiopian barleys in relation to geographical regions, altitudinal range, and agro-ecological zones: as an aid to germplasm collection and conservation strategy

137 DI BERARDINO, D., JOVINO, V., LIOI, M. B., SCARFI, M. R. and BURGUETE, I.: Spontaneous rate of sister chromatid exchanges (SCEs) and BrdU dose-response relationships in mitotic chromosomes of goat (*Capra hircus* L.)

233 DI MEO, G. P. and IANNUZZI, L.: MTX-block during S-phase in BrdU-treated cells depends on species and medium used

57 ESPINOSA, M. B. and VITULLO, A. D.: Offspring sex-ratio and reproductive performance in heterogametic females of the South American field mouse *Akodon azarae*

99 GREEFF, J. M.: Thelytokous versus arrhenotokous worker reproduction in the Cape honeybee and other eusocial Hymenoptera

105 HAVEL, G., DAHLENFORS, R., BÖCKMAN, P. and MARK, J.: Cytogenetical observations in a canalicular adenoma of the minor salivary glands

145 IVANITSKAYA, E., GORLOV, I., GORLOVA, O. and NEVO, E.: Chromosome markers for *Mus macedonicus* (Rodentia, Muridae) from Israel

131 KATONA, R., SZELES, A. and HADLACZKY, G.: Mouse euchromatin specific "genome-painting" with a LINE probe: A rapid method for identification and mapping of human chromosomes in mouse-human microcell hybrids by two-color FISH

47 KREBS, R. A., LA TORRE, V., LOESCHCKE, V. and CAVICCHI, S.: Heat-shock resistance in *Drosophila* populations: analysis of variation in reciprocal cross progeny

229 MAZUROK, N. A., ISAENKO, A. A., NESTEROVA, T. B. and ZAKIAN, S. M.: High-resolution G-banding of chromosomes in the common vole *Microtus arvalis* (Rodentia, Arvicolidae)

243 MAZUROK, N. A., RUBTSOVA, N. V., ISAENKO, A. A., NESTEROVA, T. B. and ZAKIAN, S. M.: Comparative analysis of chromosomes in *Microtus transcaspicus* and *Microtus subarvalis* (Arvicolidae, Rodentia): high-resolution G-banding and localization of NORs

95 MELLINK, C. H. M., BOSMA, A. A., DE HAAN, N. A. and ZIJLSTRA, C.: Physical localization of 5S rRNA genes in the pig by fluorescence in situ hybridization
63 MEYWALD, T., SCHERTHAN, H. and NAGL, W.: Increased specificity of colloidal silver staining by means of chemical attenuation
251 MYLLYHARJU, J. and NOKKALA, S.: Glycoproteins with N-acetylglucosamine and mannose residues in chinese hamster metaphase chromosomes
211 NIWA, K. and SAKAMOTO, S.: Detection of B chromosomes in rye collected from Pakistan and China
269 PAPESCHIA, A. G.: Sex chromosome polymorphism in a species of *Belostoma* (Belostomatidae, Herteroptera)
191 PAVELKA, J., KULIKOV, A. M. and MAREC, F.: Suppression of the *Drosophila Curly* mutation by fluorescent light
217 PELTONEN, J. and NISSILÄ, E.: Pre- and post-anthesis duration of two-rowed barleys in relation to stability of grain yield at high latitudes
91 PEUSHA, H., HSAM, S. L. K., ENNO, T. and ZELLER, F. J.: Identification of powdery mildew resistance genes in common wheat (*Triticum aestivum* L. em. Thell) VIII. Cultivars and advanced breeding lines grown in Finland
179 PHAM, J.-L. and BOUGEROL, B.: Variation in fertility and morphological traits in progenies of crosses between the two cultivated rice species
281 PRIMMER, C. R., MØLLER, A. P. and ELLEGREN, H.: New microsatellites from the pied flycatcher *Ficedula hypoleuca* and the swallow *Hirundo rustica* genomes
151 RIIHIMAA, A., KIMURA, M. T., LUMME, J. and LAKOVAARA, S.: Geographical variation in the larval diapause of *Chymomyza costata* (Diptera; Drosophilidae)
261 ROLAN-ALVAREZ, E., BUÑO, I. and GOSALVEZ, J.: Sex is determined by sex chromosomes in *Littorina saxatilis* (Olivi) (Gastropoda, Prosobranchia)
275 RUBEŠ, J., MUSILOVÁ, P., BORKOVEC, L., BORKOVCOVÁ, Z., ŠVECOVÁ, D. and URBANOVÁ, J.: A new Robertsonian translocation in cattle, rob(rob(16;20)
71 SAURA, A. O., HEINO, T. I. and SORSA, V.: Electron micrograph map of the *Drosophila melanogaster* polytene chromosome 3R divisions 91 through 100
39 SCIANDRELLO, G., CARADONNA, F. and BARBATA, G.: Karyotype abnormalities in a variant Chinese hamster cell line resistant to methyl methanesulphonate
199 SJÖBERG, A., SEAMAN, W. T., BELLINGER, D. A., GRIGGS, T. R., NICHOLS, T. C. and CHOWDHARY, B. P.: FISH mapping of the porcine vWF gene to chromosome 5q21 extends synteny homology with human chromosome 12
107 SZATKOWSKA, I. and ŚWITOŃSKI, M.: Evidence on hereditary occurrence of placental anastomoses in heterosexual twins in sheep
31 VALLEJO, I., SANTOS, M., CANTORAL, J. M., COLLADO, I. G. and REBORDINOS, L.: Chromosomal polymorphism in *Botrytis cinerea* strains
237 VEKEMANS, X., LEFÈBVRE, C., COULAUD, J., BLAISE, S., GRUBER, W., SILJAK-YAKOVLEV, S. and BROWN, S. C.: Variation in nuclear DNA content at the species level in *Armeria maritima*
121 WEIDEMA, I. R., SIEGISMUND, H. R. and PHILIPP, M.: Distribution of genetic variation within and among Danish populations of *Armeria maritima*, with special reference to the effects of population size
203 WOLF, K. W., MITCHELL, A. and LIU, G.: Centromere-like elements in *Megaselia spiracularis* (Diptera: Phoridae): A fine-structure and cytogenetic study